

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

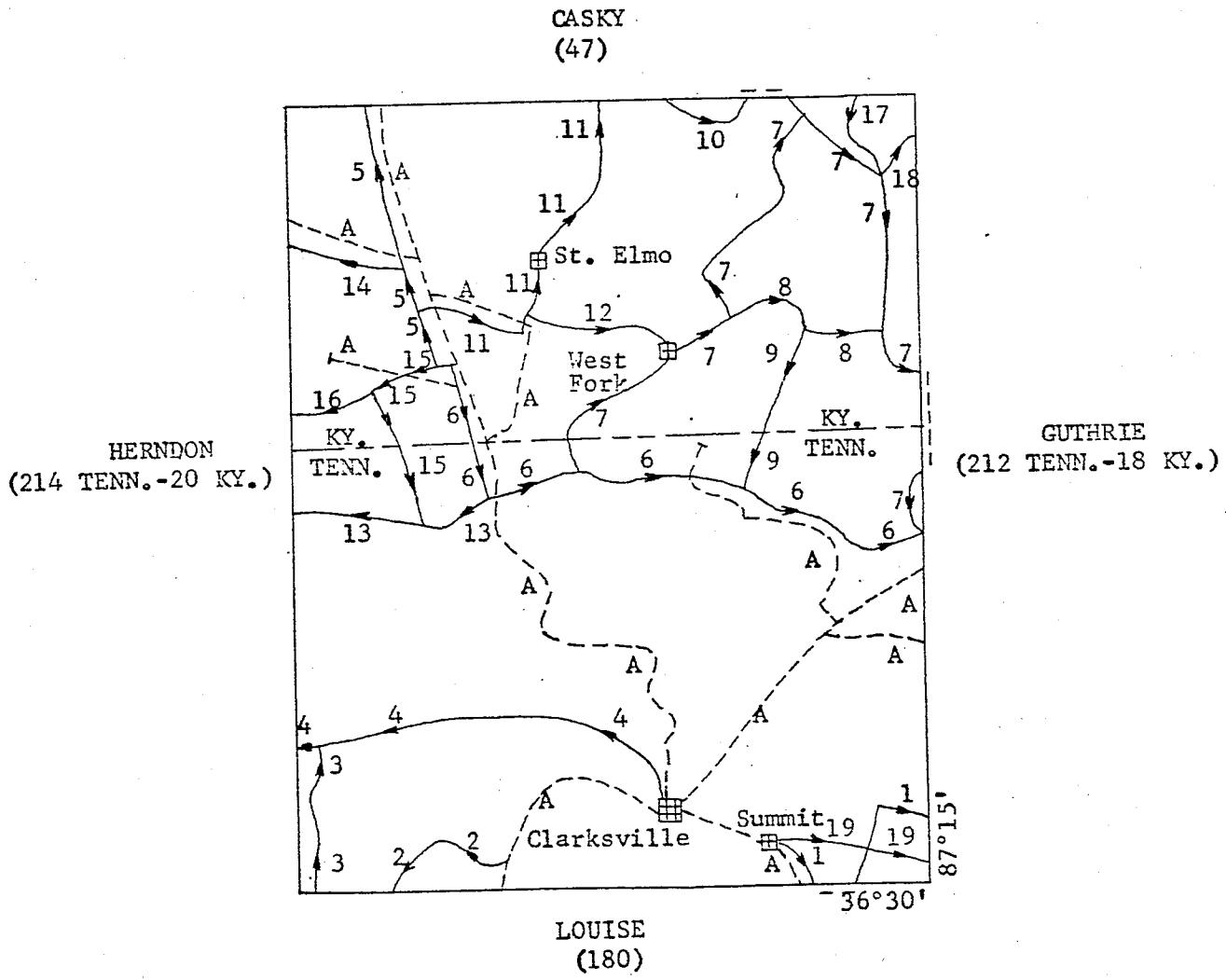
36-087-13
CLARKSVILLE QUADRANGLE
213 TENN.-19 KY.
N3630-W8715/15
DIAGRAM NJ 16-11
NASHVILLE

Christian and Todd Counties, KY.;
Montgomery County, TENN.

Final adjustment of 1973

Edition of 7/12/76

PR: DSW/kp



NGS (USGS) VERTICAL CONTROL DATA

A. Quadrangle 360871

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ISOLATED BENCH MARKS (By H. R. Kilmer, 1925; Books B2089 and B2123)

Feet

Clarksville, 3.8 mi W. of, along Louisville and Nashville RR.; 114 ft N. of milepost No. 181; 18 ft E. of centerline of track; 3 ft S. of N. edge of culvert; in E. stone headwall; standard tablet stamped "PRIM TRAV STA NO 10 W 1925 TENN K 1 1925 386" (Tied by NGS, 1934)
(Not found, 1956)

385.550

LINE 1.

By J. W. McLaughlin; 1946; Book V328

Clarksville, 1.8 mi SE. of, along Tennessee Central RR.; at Summit; 115 ft NW. of rd. crossing; 40 ft NW. of RR. station; 26 ft S. of centerline of Clarksville-Nashville Pike; in concrete post projecting 1 ft higher than ground; NGS standard disk stamped "W 3 1921 PRIM TRAV STA NO 8 W 1925 TENN" (Not found, 1956)

531.446

Clarksville, 3.6 mi SE. of post office, along State Highway 12; 21 ft W. of center of rd. forks; 6 ft S. of 8-in. walnut tree; in concrete post; standard tablet stamped "TT 3 FJH 1946"

536.030

Reference mark; 120 ft SE. of tablet; 30 ft S. of center of rd.; in root on N. side of 14-in. poplar tree; copper nail and washer

537.95

U.E., Clarksville, 4.9 mi E. of, along State Highway 12; 20 ft NE. of center of junction of T-rd. N.; in root on SW. side of 18-in. forked thorn tree; copper nail and washer

396.22

Clarksville, 5.4 mi E. of, along State Highway 12; 30 ft NE. of junction of T-rd.; 40 ft N. of small store; in concrete post; standard tablet stamped "TT 2 FJH 1946"

419.491

Reference mark; 67 ft NW. of tablet; 10 ft W. of center of rd.; in base on E. side of 20-in. oak tree; copper nail and washer

421.30

U.E., Clarksville, 5.4 mi E. of, along State Highway 12, thence 0.8 mi N. to U. S. Highway 112; 580 ft W. of T-rd. S.; 20 ft N. of hwy.; on NE. headwall of culvert; chiseled square

551.20

Clarksville, 5.3 mi E. of, along State Highway 76; 15 ft N. of Richview Cafe; 15 ft S. of center of hwy.; in concrete foundation; standard tablet stamped "1 JWM 1946" (Not found, 1957)

543.595

Reference mark; 24 ft SW. of tablet; on W. end of 30 ft concrete walk; chiseled square

543.25

U.E., Richview Cafe, 1.2 mi E. of, along State Highway 76; 0.3 mi W. of Negro school; 130 ft NW. of house; 70 ft S. and 10 ft E. of junction of T-rd. S.; in root on N. side of 16-in. oak tree; copper nail and washer

527.15

1946

4

LINE 2.Feet

By J. W. McLaughlin, 1946; Book V328

"J 25 1934" (NGS) (Not found, 1957)

391.912

U.E., Clarksville, 4.6 mi W. of station, along Louisville and Nashville RR., thence 1.4 mi NW. through fields; 5.6 mi E. of Dotsonville; 25 ft SE. of barn; 6 ft E. of center of rd.; in root on W. side of 20-in. oak tree; copper nail and washer

415.34

Dotsonville, 3.9 mi NE. of; at center of large triangle formed by junction of T-rd.; 60 ft N. of lone telephone pole; 6 ft S. of 4-in. oak tree; in concrete post; standard tablet stamped "TT 5 FJH 1946"

536.590

Reference mark; 75 ft W. of tablet; 10 ft SE. of center of rd.; on SW. headwall of culvert; chiseled square

533.35

U.E., Dotsonville, 3.5 mi NE. of; 40 ft N. of house; 20 ft S. of center of rd.; in L-shaped headwall of S. end of culvert; chiseled square

531.02

Dotsonville, 2.0 mi NE. of; 80 ft E. of dwelling; 30 ft W. of center of rd.; in concrete post; standard tablet stamped "TT 6 FJH 1946"

585.626

Reference mark; 35 ft SW. of tablet; 30 ft NW. of rd.; in root on E. side of 12-in. oak tree; copper nail and washer

586.98

LINE 3.

By J. W. McLaughlin, 1946; Book V328

U.E., Dotsonville, 2.3 mi N. of; 10 ft E. of center of rd.; in root on W. side of 36-in. oak tree; copper nail and washer

469.18

Dotsonville, 3.4 mi N. of; 60 ft N. of junction of T-rd. W.; 30 ft W. of center of rd.; in concrete post; standard tablet stamped "5 JWM 1946"

614.230

Reference mark; 35 ft N. of tablet; 30 ft W. of center of rd.; in root on E. side of 8-in. oak tree; copper nail and washer

612.16

U.E., Dotsonville, 4.5 mi N. of; 60 ft E. of Wilmoth Church; 10 ft W. of center of rd.; in root on SE. side of 16-in. oak tree; copper nail and washer

637.77

1946

LINE 4.Feet

By J. W. McLaughlin, 1946; Book V328

"V 3 1921" (NGS)	499.563
U.E., Clarksville, 1.0 mi NW. of Montgomery County Courthouse; on SE. end of concrete foundation of Tennessee Central RR. bridge; 15 ft NE. of center of hwy.; chiseled square	392.87
Clarksville, 2.6 mi NW. of Montgomery County Courthouse; in center of large grass triangle; at junction of U. S. Highways 79 and 41W; in concrete post; standard tablet stamped "7 JWM 1946"	548.150
Reference mark; 90 ft. SE. of tablet; 30 ft S. of center of hwy.; on top of hwy. marker; chiseled square	546.27
U.E., Clarksville, 3.7 mi W. of, along U. S. Highway 79; 20 ft S. of center of hwy.; on SE. headwall of concrete culvert; chiseled square	613.07
Clarksville, 5.0 mi W. of, along U. S. Highway 79; 35 ft NE. of T-rd. S.; 20 ft N. of center of hwy.; in concrete post; standard tablet stamped "8 JWM 1946"	588.452
Reference mark; 175 ft S. of tablet; 20 ft W. of center of rd.; in root on E. side of 14-in. oak tree; copper nail and washer	596.31
U.E., Clarksville, 6.2 mi W. of, along U. S. Highway 79; 45 ft SE. of Waltons service station; 20 ft N. of center of hwy.; concrete foundation; chiseled square	598.07
Clarksville, 7.0 mi W. of, along U. S. Highway 79; 50 ft SE. of center of junction of hwy. and T-rd. S.; 30 ft S. of center of hwy.; in concrete post; standard tablet stamped "9 JWM 1946"	608.554
Reference mark; 65 ft W. of tablet; 55 ft SW. of junction of T-rd. S.; in root on E. side of 6-in. tree; copper nail and washer	607.06
U.E., Clarksville, 7.6 mi W. of, along U. S. Highway 79; 25 ft N. of center of hwy.; on NW. headwall of concrete culvert; chiseled square	602.51
Dotsonville, 5.8 mi N. of; 30 ft NE. of center of junction of U. S. Highway 79 and T-rd. S.; in concrete post; standard tablet stamped "6 JWM 1946" (Reported disturbed, 1948)	618.452

LINE 4 (Cont'd.)Feet

Reference mark; 140 ft SE. of tablet; 20 ft S. of center of hwy.;
on SW. end of headwall of concrete culvert; chiseled square 616.30

LINE 5.

By W. D. Leech, 1946; Book V328

"N 8 1921" (NGS) 541.108

U.E., Thompsonville, 1.3 mi N. of, along Tennessee Central
RR.; 80 ft W. of grade crossing; 15 ft S. of rd.; in root
on N. side of 36-in. oak tree; copper nail and washer 570.20

Fidelio, 0.2 mi W. along graveled rd., thence 2.6 mi S. along
U. S. Highway 41A; 30 ft N. and 120 ft W. of junction of
State Highway 117; in concrete post; standard tablet stamped
"5 WDL 1946" (Reported disturbed, 1957) (Not found, 1974) 564.680

Reference mark; 80 ft E. of tablet; in SW. angle of T-rd. W.;
on E. end of culvert; chiseled square 564.87

U.E., Fidelio, 0.2 mi W. along graveled rd., thence 1.2 mi S. along
U. S. Highway 41A; 30 ft N. of private T-rd. W.; W. of hwy.; on
S. end of concrete culvert; chiseled square 576.32

U.E., Fidelio, 0.2 mi W. of; on U. S. Highway 41A; 60 ft SW. of
junction of T-rd. E.; on S. end of concrete culvert; chiseled
square 583.76

"M 8 1921" (NGS) (Reported destroyed, 1957) 589.300

LINE 6.

By E. O. Miner, 1946; Book V328

"N 8 1921" (NGS) (Also in line 5) 541.108

U.E., Outlaw Airport; 92 ft S. of grade crossing of RR. and
macadam rd.; 10 ft W. of W. rail; on top of SE. corner
of concrete loading ramp; chiseled square 538.50

Camp Campbell No. 1 Gate, 1.5 mi E. of; at T-rd. W. along S. edge
of Outlaw Airport; 17 ft N. and 18 ft E. of intersection; in
concrete post; standard tablet stamped "TT 28 MS 1946 525" 524.813

LINE 6 (Cont'd.)Feet

Reference mark; 250 ft NE. of tablet; in root on SW. side of 12-in. hackberry tree; copper nail and washer	524.32
U.E., Kentucky-Tennessee State line; 0.8 mi S. of, along U. S. Highway 41 W., thence 1.5 mi E.; 75 ft NE. of T-junction with rd. S.; in root on N. side of 12-in. sassafras tree; copper nail and washer	537.46
Camp Campbell, 1.0 mi N. of Gate No. 1, thence 2.6 mi E.; 19 ft W. of centerline of N.-S. rd. at junction of T-rd. E.; in concrete post; standard tablet stamped "TT 27 MS 1946 543" (Not found, 1957)	542.589
Reference mark; 60 ft E. of tablet; in root on W. side of 12-in. persimmon tree; copper nail and washer	539.03
U.E., KY.-Tenn. State line; 0.8 mi S. of, along U. S. Highway 41 W., thence 4.1 mi E.; at bridge over West Fork Creek; on top of SW. bridge seat; chiseled square	406.80
Camp Campbell No. 1 Gate, 6.0 mi NE. of; 23 ft N. and 25 ft E. of junction of T-rd. N.; in concrete post; standard tablet stamped "TT 26 MS 1946 525"	524.611
Reference mark; 13 ft N. of tablet; in root on S. side of 24-in. walnut tree; copper nail and washer	525.17
U.E., KY.-Tenn. State line; 0.8 mi S. of, along U. S. Highway 41 W., thence 6.1 mi E.; 23 ft W. of fenceline S.; in root on NW. side of 60-in. oak tree; copper nail and washer	510.89
Camp Campbell No. 1 Gate, 7.9 mi NE. of; 22 ft N. and 68 ft E. of junction of T-rd. E.; 5 ft W. of electric pole D2-48; in concrete post; standard tablet stamped "TT 25 MS 1946 518"	518.016
Reference mark; 46 ft SW. of tablet; in root on W. side of 12-in. locust tree; copper nail and washer	517.98
U.E., KY.-Tenn. State line; 0.8 mi S. of, along U. S. Highway 41 W., thence 7.9 mi E.; 1.4 mi NW., thence 1.1 mi W. of Oakland Church; at an ornamental gate; 43 ft S. of center of rd.; in root on W. side of 24-in. elm tree; copper nail and washer	514.69
Camp Campbell, 1.0 mi N. of Gate No. 1, thence 8.9 m NE.; 300 ft W. of Kennedy School; at junction of T-rd. N.; 18 ft S. of centerline of E.-W. rd.; in concrete post; standard tablet stamped "TT 24 MS 1946 479"	478.489

LINE 6 (Cont'd.)Feet

Reference mark; 110 ft E. of tablet; 25 ft N. of center of rd.; in root on E. side of 12-in. oak tree; copper nail and washer	474.02
U.E., Clarksville, 7.0 mi NE. of, along U. S. Highway 79; at Oakland Church of Christ; on top of SW. end of lowest step in front of SW. door; chiseled square	534.91
Oakland Church of Christ, 1.2 mi E. of, along U. S. Highway 79; 83 ft SW. of junction of driveway S.; 4 ft E. of fence; 4 ft NE. of electric pole; in concrete post; standard tablet stamped "1 EOM 1946 529"	528.630

LINE 7.

By E. O. Miner, 1946; Book V328

"TT 27 MS 1946 543" (Described in line 6) 542.589

U.E., KY.-Tenn. State line; 0.8 mi S. of, along U. S. Highway 41 W., thence 2.8 mi E., thence 0.7 mi N., thence 0.7 mi NW.; 3.7 mi SW. of West Fork; 49 ft SE. of Y-rd. intersection; in root on N. side of 24-in. oak tree; copper nail and washer 568.40

West Fork, 2.5 mi SW. of; 98 ft E. of E. end of steel bridge over West Fork Creek; 27 ft N. of center of rd.; in top of ledge of limestone outcrop; standard tablet stamped "2 EOM 1946 436" 435.135

Reference mark; 98 ft W. of tablet; on top of NE. bridge seat; chiseled square 426.83

U.E., West Fork, 1.5 mi SW. of; 33 ft E. of intersection of Y-rd. and lane; in root on W. side of 36-in. oak tree; copper nail and washer 539.03

West Fork, 70 ft W. of NW. corner of Chapel Hill M. E. Church; 21 ft S. of center of rd.; in concrete post; standard tablet stamped "3 EOM 1946 552" 551.427

Reference mark; 110 ft SE. of tablet; at E. door of church; on top of lowest step; chiseled square 551.62

U.E., West Fork, 0.9 mi NE. of; 75 ft W. of edge of woods; 65 ft W. of turn in rd.; 21 ft S. of center of rd.; in top of root on NE. side of 36-in. oak tree; copper nail and washer 576.53

West Fork, 1.6 mi NE. of; 1.8 mi W. of Hammacksville; 48 ft NE. of junction of T-rd. to Hammacksville; in concrete post; standard tablet stamped "4 EOM 1946 571" 570.788

LINE 7 (Cont'd.)Feet

Reference mark; 250 ft N. of tablet; 12 ft W. of center of rd.; in root on W. side of cedar tree; copper nail and washer	565.77
U.E., West Fork, 1.5 mi N. of; 5.4 mi SW. of Trenton; in corner of woods; 32 ft SE. of junction of T-rd. and rd. E.; in top of root on N. side of 24-in. oak tree; copper nail and washer	552.88
Trenton, 2.1 mi W. of to Y-rd. intersection, thence 2.3 mi SW.; in edge of woods; 22 ft SE. of junction of T-rd. and lane to farmhouse; in concrete post; standard tablet stamped "5 EOM 1946 562"	561.847
Reference mark; 12 ft N. of tablet; in root on W. side of 24-in. oak tree; copper nail and washer	561.80
U.E., Trenton, 2.1 mi W. of, thence 0.9 mi SW. to West Fork; at curve in rd.; 40 ft W. of intersection of Y-rd. and lane; 15 ft E. of small stream; in root on E. side of 24-in. oak tree; copper nail and washer	521.82
Trenton, 2.1 mi W. of, along graveled rd.; at W. end of triangle at intersection of Y-rd. and unimproved rd.; 15 ft W. of center of rd.; 2 ft E. of fence; in concrete post; standard tablet stamped "6 EOM 1946 541" (Not found, 1974)	540.017
Reference mark; 360 ft SW. of tablet; 15 ft SE. of center of rd.; in root on N. side of 24-in. oak tree; copper nail and washer	550.49
U.E., Trenton, 2.4 mi NW. of, along U. S. Highway 41 E., thence 0.6 mi S., thence 0.4 mi W.; at corner of woods; 61 ft NE. of junction of T-rd.; in root on W. side of 24-in. yellow poplar tree; copper nail and washer	561.09
Pembroke, about 4 mi SE. of; 2.0 mi NW. of Trenton; on right-of-way of U. S. Highway 41 E.; 115 ft SE. of mound of dirt; old approach of rd. over RR.; 31 ft NE. of center of hwy.; in concrete post; NGS standard triangulation station disk stamped "PEMBROKE 1930 SE BASE"	561.635
Reference mark No. 1; 0.3 mi SE. of Pembroke SE. Base; in E. corner of fences paralleling U. S. Highway 41 E. and dirt rd. SW.; 33 ft SW. of center of hwy.; in concrete post; NGS standard disk stamped "PEMBROKE 1930 SE BASE NO 1"	562.121
Trenton, 0.7 mi NW. of post office, along U. S. Highway 41 E.; 34 ft NE. of center of hwy.; 23.3 ft NE. of telephone pole; 3.7 ft SE. of wire fence at S. edge of garden; in concrete post; standard tablet stamped "TT 1 FLS 1946 557" (Not found, 1957)	556.414
U.E., Trenton; 64 ft SW. of traffic light located at intersection of U. S. Highway 41 E. and State Highway 181; 8 ft E. of brick service station; on top of concrete steps at SW. corner of greasing pit; chiseled square	587.90

LINE 7 (Cont'd.)Feet

Trenton, 1.2 mi S. of, along graveled rd.; 72 ft SE. of junction of T-rd. and lane W.; on top of cutbank; 2 ft W. of fence; in concrete post; standard tablet stamped "7 EOM 1946 575" (Reported disturbed, 1974)	574.640
Reference mark; 55 ft NW. of tablet; on top of S. end of concrete pipe culvert; chiseled square	572.86
U.E., Trenton, 1.9 mi S. of, along graveled rd.; at curve in rd.; 80 ft S. of house; 49 ft W. of center of rd.; in root on S. side of 36-in. oak tree; copper nail and washer	573.54
Trenton, 2.6 mi S. of, along graveled rd.; 110 ft S. of junction of T-rd. and lane E.; 27 ft E. of center of rd.; 2 ft E. of fence; in concrete post; standard tablet stamped "8 EOM 1946 581" (Reported destroyed, 1974)	581.016
Reference mark; 100 ft N. of tablet; on top of S. end of concrete pipe culvert; chiseled square	576.00
U.E., Trenton, 3.7 mi S. of, along graveled rd.; 1.7 mi E. of intersection of State Highway 181 and rd. to Hammacksville; 185 ft SE. of junction of dirt rd.; in root on NE. side of 10-in. elm tree; copper nail and washer	588.63
Trenton, 3.7 mi S. of, along graveled rd. to dirt T-rd. at curve, thence 0.7 mi S. along dirt rd.; in corner of woods; 25 ft SE. of junction of T-rd. and rd. E.; in concrete post; standard tablet stamped "9 EOM 1946 583"	582.263
Reference mark; 10 ft E. of tablet; in root on SE. side of 24-in. oak tree; copper nail and washer	581.66
U.E., Trenton, 3.7 mi S. of, along graveled rd. to dirt T-rd. at curve, thence 0.7 mi S. along dirt rd., thence 1.0 mi E., in NE. corner of woods; 480 ft W. of junction of T-rd.; 29 ft S. of center of rd.; in root on SE. side of 36-in. oak tree; copper nail and washer	590.32

Jogs into Guthrie quadrangle

"1 EOM 1946 529" (Described in line 6) 528.630

LINE 8.

By E. O. Miner, 1946; Book V328

"4 EOM 1946 571" (Described in line 7) 570.788

U.E., West Fork, 1.6 mi NE. of; 0.6 mi NW. of Hammacksville, thence 0.3 mi SW.; 18 ft NE. of junction of T-rd. and lane N.; in root on W. side of 24-in. oak tree; copper nail and washer

594.82

LINE 8 (Cont'd.)Feet

Hammacksville, 114 ft NW. of crossroads; 41 ft E. of SE. corner of Mt. Zion Church; in concrete post; standard tablet stamped "11 EOM 1946 559"	558.330
Reference mark; 65 ft W. of tablet; at edge of rd.; on top of concrete steps; chiseled square	557.19
U.E., Hammacksville, 1.0 mi E. of; at SW. corner of woods; 51 ft N. of center of rd.; 35 ft NE. of fence corner; in root on S. side of 24-in. hickory tree; copper nail and washer	557.19
"U.E., copper nail and washer (Described in line 7)	588.63

LINE 9.

By E. O. Miner, 1946; Book B328

"11 EOM 1946 559" (Described in line 8)	558.330
U.E., Trenton, 4.8 mi S. of, along State Highway 181; 1.1 mi S. of Hammacksville; 54 ft NW. of crossroads; on top of W. headwall of concrete culvert; chiseled square	557.31
Hammacksville, 2.1 mi S. of, along State Highway 181; 74 ft E. of N. one of two ornamental brick gateposts; 50 ft E. of Y-rd. intersection; in concrete post; standard tablet stamped "12 EOM 1946 526"	525.704

Reference mark; 70 ft N. of tablet; on top of E. headwall of concrete culvert; chiseled square	526.63
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U.E., Hammacksville, 2.9 mi S. of, along State Highway 181; on Kentucky-Tennessee State line; 45 ft W. of center of rd.; in root on S. side of 12-in. oak tree; copper nail and washer	546.41
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"TT 25 MS 1946 518" (Described in line 6)	518.016
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LINE 10.

By W. D. Leech, 1946; Book V328

U.E., Trenton, 3.4 mi NE. of, along U. S. Highway 41 E., thence 1.1 mi S. along graveled rd., thence 2.8 mi W. along farm rd.; 30 ft NW. of rd. and opposite house on SE. side of rd.; in root on S. side of 30-in. maple tree; copper nail and washer	583.07
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LINE 10 (Cont'd.)Feet

Pembroke, 2.8 mi SE. of, along U. S. Highway 41, thence 1.0 mi S. along graveled rd., thence 0.8 mi W. along farm rd., thence 0.5 mi SW.; 380 ft NE. of NW. corner of brick house; 25 ft NW. of centerline of rd. at curve; 34 ft SE. of lone cedar tree on fence-line; 16 ft S. of center of wooden gate; 5 ft SE. of wire fence; in concrete post; standard tablet stamped "TT 3 FLS 1946" 543.556

Reference mark; 0.4 mi NE. of tablet; at crossing of field rd.; about 10 ft W. of corner of four fences; in root on S. side of sassafras tree; copper nail and washer 568.79

U.E., Trenton, 3.4 mi NW. of, along U. S. Highway 41 E., thence 1.1 mi S. along graveled rd.; 30 ft SW. of junction of private rd.; in base on N. side of 15-in. poplar tree; copper nail and washer 580.49

Pembroke, 2.8 mi SE. of, along U. S. Highway 41, thence 0.7 mi S. along graveled rd.; 8 ft S. and 42 ft E. of junction of driveway S. to house; 14 ft SW. of 30-in. oak tree; 12 ft NE. of 24-in. oak tree; in concrete post; standard tablet stamped "TT 2 FLS 1946" 562.399

Reference mark; 14 ft N. of tablet; in root on NW. side of 12-in. white oak tree; copper nail and washer 562.70

U.E., Trenton, 3.4 mi NW. of, along U. S. Highway 41 E.; 40 ft NW. of T-rd. W.; on NE. side of rd.; on SE. end of concrete culvert; chiseled square 578.96

U.E., Trenton, 2.8 mi NW. of, along U. S. Highway 41 E.; 0.8 mi NW. of Pembroke SE. Base; on W. side of RR.; at bridge over private rd.; on corner of S. end of concrete cap; chiseled square 545.86

"PEMBROKE 1930 SE BASE" (Described in line 7) 561.635

LINE 11.

By W. D. Leech, 1946; Book V328

U.E., copper nail and washer (Described in line 5) 570.20

U.E., Thompsonville, 1.3 mi N. of, along RR., thence 0.8 mi E. along graveled rd.; 40 ft N. of rd. at right-angle turn S.; in root on NW. side of 20-in. oak tree; copper nail and washer 557.41

St. Elmo, 2.3 mi S. of, along State Highway 115; 30 ft NW. of junction of private rd. W.; in concrete post; standard tablet stamped "6 WDL 1946" (Reported destroyed, 1974) 537.289

Reference mark; 70 ft SW. of tablet; in root on E. side of 30-in. oak tree; rail spike 537.12

LINE 11 (Cont'd.)Feet

U.E., St. Elmo, 1.6 mi S. of, along State Highway 115; 420 ft N. of crossroads; in NE. angle of private rd. E.; in root on W. side of 36-in. lone oak tree; copper nail and washer	543.97
U.E., St. Elmo, 0.7 mi S. of, along State Highway 115; on W. side of hwy.; on S. end of headwall of concrete bridge; chiseled square	531.92
St. Elmo, 0.4 mi S. of; 300 ft SW. of fork of rd. to Salem Church; 60 ft W. of hwy.; in limestone outcrop; standard tablet stamped "7 WDL 1946" (Not found, 1974)	541.934
Reference mark; 20 ft NE. of tablet; on limestone outcrop; chiseled square	541.43
U.E., St. Elmo, 0.7 mi N. of; in SW. angle of private rd. W.; on W. end of culvert; chiseled square	579.86
St. Elmo, 1.8 mi N. of; 20 ft S. and 30 ft E. of abandoned T-rd. E.; in fence corner; in concrete post; standard tablet stamped "8 WDL 1946" (Not found, 1957)	575.128
Reference mark; 40 ft N. of tablet; in root on W. side of S. one of three oak trees; copper nail and washer	576.00
U.E., St. Elmo, 3.0 mi N. of; about 700 ft S. of house E. of rd.; on W. side of rd.; on S. end of culvert; chiseled square	570.63
St. Elmo, 3.6 mi N. of; 2.5 mi S. of Pembroke; 60 ft S. of private T-rd. W.; on fenceline W. of rd.; in concrete post; standard tablet stamped "9 WDL 1946" (Not found, 1957)	582.858
Reference mark; 600 ft S. of tablet; on W. side of rd.; on N. end of culvert; chiseled square	572.95

LINE 12.

By W. D. Leech, 1946; Book V328

U.E., copper nail and washer (Described in line 11)	543.97
U.E., St. Elmo, 1.6 mi S. of, along State Highway 115, thence 1.0 mi E. along graveled rd.; 100 ft S. of T-rd. E.; on fenceline W. of rd.; in root on N. side of 30-in. poplar tree; rail spike	535.93

LINE 12 (Cont'd.)Feet

St. Elmo, 1.6 mi S. of, along State Highway 115, thence 1.8 mi E. along graveled rd.; at fenceline crossing; 20 ft N. of rd.; in concrete post; standard tablet stamped "10 WDL 1946" 542.759

Reference mark; 30 ft N. of tablet; in root on SE. side of 30-in. oak tree; copper nail and washer 542.63

U.E., St. Elmo, 1.6 mi S. of, along State Highway 115, thence 2.8 mi E. along graveled rd.; 1.0 mi W. of Chapel Hill Church; 30 ft E. of E. apex of triangle at rd. forks; 20 ft N. of rd.; in root on S. side of 36-in. oak tree; copper nail and washer 529.57

"3 EOM 1946 552" (Described in line 7) 551.427

LINE 13.

By E. O. Miner, 1946; Book V328

U.E., chiseled square (Described in line 9) 538.50

Camp Campbell No. 1 Gate; 56 ft N. and 56 ft W. of junction of U. S. Highway 41 W. and T-rd. W. (Mabry Road); in concrete post; standard tablet stamped "TT 29 MS 1946 502" (Not found, 1957) 501.318

Reference mark; 21 ft E. of tablet; on top of N. headwall of concrete culvert; chiseled square 498.95

U.E., Camp Campbell No. 1 Gate, 0.9 mi W. of, thence 81 ft SE. of crossing of Kentucky Street and Lee Road; in root on N. side of 24-in. oak tree; copper nail and washer 520.35

Camp Campbell No. 1 Gate, 1.7 mi W. and 40 ft S. of, and 290 ft W. of crossroads; 6 ft NE. of telephone pole; in concrete post; standard tablet stamped "TT 31 MS 1946 511" (Not found, 1957) 510.749

Reference mark; 330 ft E. of tablet; on top of E. end of concrete pipe culvert; chiseled square 509.064

U.E., Camp Campbell No. 1 Gate, 3.0 mi W. of, along Mabry Road; 90 ft SW. of crossroads; on top of W. end of concrete pipe culvert; chiseled square 512.52

Camp Campbell No. 1 Gate, 3.4 mi W. of; at T-rd. S. to rock quarry; on extended centerline of rd. S.; 35 ft N. of center of E.-W. rd.; in concrete post; standard tablet stamped "TT 32 MS 1946 511" (Not found, 1957) 511.003

LINE 13 (Cont'd.)Feet

Reference mark; 22 ft N. of tablet; in root on W. side of 24-in. yellow poplar tree; copper nail and washer

509.94

LINE 14.

By W. D. Leech, 1947; Book V328

"5 WDL 1946" (Described in line 5) (Not found, 1974)

564.680

U.E., Thompsonville, 2.8 mi N. of, thence 0.9 m W., along State Highway 117 at junction of U. S. Highway 41; in SW. angle of T-rd. S.; on W. end of concrete drainpipe; chiseled square

569.55

Thompsonville, 2.8 mi N. of, thence 1.8 mi W., along State Highway 117 at junction of U. S. Highway 41; 45 ft NW. of, and 20 ft NE. of crossroads; in concrete post; standard tablet stamped "1 WDL 1947" (Reported destroyed, 1974)

586.035

Reference mark; 45 ft SE. and 80 ft S. of tablet; on E. side of rd.; in root of 24-in. oak tree; rail spike

585.34

U.E., Howel, 0.6 mi N. of, thence 1.8 mi E.; 2.7 mi W. of junction of U. S. Highway 41 and State Highway 117; on S. side of rd.; on E. end of culvert; chiseled square

574.54

LINE 15.

By E. O. Miner, 1947; Book V328

"N 8 1921" (NGS) (Also in lines 5 and 6)

541.108

U.E., Camp Campbell, 0.7 mi W. of No. 6 Gate; at crossing of Air Field Road and Fiftieth Street Road; on top of S. headwall of concrete culvert; chiseled square

554.64

Camp Campbell, 91 ft SW. of junction of Kentucky Street and Fifty-second Street Road; in concrete post; standard tablet stamped "6 EOM 1947 554" (Not found, 1974)

554.021

Reference mark; 27 ft N. of tablet; on top of S. headwall of concrete culvert; chiseled square

554.75

U.E., Camp Campbell, 59 ft SW. of crossing of Kentucky Street and Forty-second Street; on top of concrete headwall of sewer; chiseled square

541.18

Camp Campbell, 42 ft S. and 50 ft E. of intersection of Kentucky and Twenty-fifth Streets; in concrete post; standard tablet stamped "TT 30 MS 1946 554" (Not found, 1974)

553.478

Reference mark; 200 ft SE. of tablet; on top of N. headwall of concrete culvert; chiseled square

552.60

LINE 15 (Cont'd.)Feet

U.E., Camp Campbell, 58 ft NE. of T-junction of Kentucky and Sixth Streets; on top of N. headwall of concrete culvert; chiseled square

524.07

U.E., Camp Campbell, 27 ft S. and 165 ft W. of crossing of Kentucky and First Streets; in concrete post; bolt head stamped "NO 2 540.698"

541.412

U.E., Camp Campbell, 48 ft S. and 150 ft W. of crossing of Kentucky Street and Lee Road; in concrete post; bolt stamped "NO 1 EL 520.816"

521.545

LINE 16.

By E. O. Miner, 1947; Book V328

"6 EOM 1947 554" (Described in line 15)

554.021

U.E., Camp Campbell, 0.9 mi W. of Kentucky Street; along Fifty-second Street Road; 108 ft N. of junction of Y-rd. and graveled rd. SE.; in root on S. side of 36-in. oak tree; copper nail and washer

560.54

LINE 17.

By J. W. McLaughlin, 1947; Book AV 96

2 23 8.50 U.E., Trenton Post Office, 0.7 mi NW. of, along U. S. Highway 41 E., thence 0.8 mi N. along graveled rd.; 20 ft W. of centerline of rd.; on W. end of concrete pipe culvert; chiseled square

560.67

2 24 9.33 "TT 1 FLS 1946 557" (Described in line 7)

556.414

LINE 18.

By J. W. McLaughlin, 1949; Book AV 96

"TT 1 FLS 1946 557" (Described in line 7) (Also in line 17)

556.414

Trenton, 1.1 mi NE. of intersection of U. S. Highway 41 E., along State Highway 181; 46 ft N. of centerline of driveway NW.; 6.3 ft E. of SE. corner of stone brick column; 3 ft SE. of wire fence; in concrete post; standard tablet stamped "TT 17 FLS 1946"

584.573

Reference mark; 450 ft S. of tablet; 12 ft S. of centerline of hwy.; on S. end of concrete headwall of culvert; chiseled square

585.69

CLARKSVILLE QUADRANGLE

213 TENN.-19 KY.

C. H. Ackerson

36-087-13

17

1956

LINE 19.Feet

By C. H. Ackerson, 1956; Book AV 472

"M 182 1949" (NGS)

488.690

Hilldale, 1.5 mi E. of; 0.5 mi E. of Meadow Circle Drive; 47 ft S. and 60 ft S. of wooded fenceline N. and S.; in concrete post; standard tablet stamped "CA 33 1955 547"

546.438

Clarksville Post Office, about 6.2 mi SE. of, along U. S. Highway 41A; 3.3 mi SE. of Hilldale; at Roosevelt School; 40 ft S. and 50 ft W. of entrance drive to school; 75 ft S. of aluminum tag on telephone pole; in concrete post; standard tablet stamped "CA 32 1955 582"

581.42

Reference mark; 60 ft W. of tablet; on NW. corner of walk to school; chiseled square

581.52

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-087-13
CLARKSVILLE QUADRANGLE
213 TENN.-19 KY.
N3630-W8715/15
DIAGRAM NJ 16-11
NASHVILLE

Montgomery County, Tenn.; Christian
and Todd Counties, Ky.

Edition of 6/25/76

PR: CRV/rsm

Plane coordinates are based on Lambert projection,
Kentucky, South Zone, and Tennessee Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

CASKY
(47)

HERNDON
(214 TENN.-20 KY.)

KENTUCKY

TENNESSEE

GUTHRIE
(212 TENN.-18 KY.)

■ Herndon

8/10/51

LOUISE
(180)

36°30'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

213 TENN.-19 KY.
CLARKSVILLE QUADRANGLE

36-087-13
N3630-W8715/15

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TENNESSEE DIVISION GEODESY

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NGS

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213 TENN.-19 KY.
CLARKSVILLE QUADRANGLE

36-087-13

3

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

The following positions are considered OBsolete. To be used only to locate permanent marks in the field.

By R. F. Wilcoxon, 1925; Book C7176

Clarksville, at Montgomery County Courthouse; at Second Street entrance; in S. facing of steps; NGS standard disk stamped "V 3 1921"

Tenn.) X = 1,600,903 Y = 779,847 36 31 36.29 87 21 29.63

Clarksville; 7 ft SE. of N. corner of stone and brick building; on Second Street; in E. face of building; NGS standard disk stamped "U 3 1921 PRIM TRAV STA NO 9 W 1925 TENN"

X = 1,600,841 Y = 779,665 36 31 34.48 87 21 30.35

Clarksville, 3.8 mi W. of, along Louisville and Nashville Railroad; 114 ft N. of milepost No. 181; 18 ft E. of centerline of track; 3 ft S. of N. edge of culvert; in E. stone headwall; standard tablet stamped "PRIM TRAV STA NO 10 W 1925 TENN K 1 1925 386" (Not found, 1956)

X = 1,587,697 Y = 778,868 36 31 24.76 87 24 11.20

By F. L. Sherwood, 1946; Book H 328

Trenton, 0.7 mi NW. of post office, along U. S. Highway 41 E.; 34 ft NE. of centerline of hwy.; 23 ft NW. of telephone pole; 4 ft SE. of wire fence at S. edge of garden; in concrete post; standard tablet stamped "TT 1 FLS 1946 557" (Not found, 1957)

X = 1,627,032 Y = 853,565 36 43 48.60 87 16 21.30

Pembroke, 2.8 mi SE. of, along U. S. Highway 41, thence 0.7 mi S. along graveled rd.; 8 ft S. and 42 ft E. of junction of driveway S. to house; 14 ft SW. of 30-in. oak tree; 12 ft NE. of 24-in. oak tree; in concrete post; standard tablet stamped "TT 2 FLS 1946"

X = 1,614,256 Y = 859,029 36 44 40.96 87 18 59.10

Pembroke, 2.8 mi SE. of, along U. S. Highway 41, thence 1.0 mi S. along graveled rd., thence 0.8 mi W. along farm rd., thence 0.5 mi SW.; 380 ft NE. of NW. corner of brick house; 25 ft NW. of centerline of rd. at curve; 34 ft SE. of lone cedar tree on fenceline; 16 ft S. of center of wooden gate; 5 ft SE. of wire fence; in concrete post; standard tablet stamped "TT 3 FLS 1946"

X = 1,607,437 Y = 857,848 36 44 28.36 87 20 22.66

Trenton, 1.1 mi NE. of, along State Highway 104; 46 ft N. of junction of driveway NW.; 6 ft E. of SE. corner of brick column; 3 ft SE. of wire fence; in concrete post; standard tablet stamped "TT 17 FLS 1946"

X = 1,633,023 Y = 855,550 36 44 09.00 87 15 08.01

213 TENN.-19 KY.
CLARKSVILLE QUADRANGLE

36-087-13

4

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Camp Campbell, 1.0 mi N. of Gate No. 1, thence 8.9 mi NE.; 300 ft W. of Kennedy School; at junction of I-rd. N.; 18 ft S. of centerline of E.-W. rd.; in concrete post; standard tablet stamped "TT 24 MS 1946 479"

Tenn.) X = 1,621,875 Y = 812,502 36 37 01.96 87 17 17.99

Camp Campbell, 1.0 mi N. of Gate No. 1, thence 6.9 mi E.; 22 ft N. and 68 ft E. of junction of I-rd. E. at offset crossroads; 5 ft W. of electric pole; in concrete post; standard tablet stamped "TT 25 MS 1946 518"

X = 1,613,302 Y = 815,168 36 37 27.18 87 19 03.59

Camp Campbell, 1.0 mi N. of Gate No. 1, thence 5.0 mi E.; 23 ft N. and 25 ft E. of centerline of rd. at junction of I-rd. N.; in concrete post; standard tablet stamped "TT 26 MS 1946 525"

X = 1,603,618 Y = 817,253 36 37 46.50 87 21 02.69

Camp Campbell, 1.0 mi N. of Gate No. 1, thence 2.6 mi E.; 19 ft W. of centerline of N.-S. rd. at junction of I-rd. E.; in concrete post; standard tablet stamped "TT 27 MS 1946 543" (Not found, 1957)

X = 1,592,789 Y = 818,196 36 37 54.33 87 23 15.68

Camp Campbell, 1.5 mi E. of Gate No. 1; 17 ft N. and 18 ft E. of junction of I-rd. W. along S. edge of Outlaw Airport; in concrete post; standard tablet stamped "TT 28 MS 1946 525"

X = 1,586,206 Y = 813,680 36 37 08.75 87 24 35.63

Camp Campbell; at Gate No. 1; 56 ft N. and 56 ft W. of centerline of U. S. Highway 41A at junction of Marbry Road W.; in concrete post; standard tablet stamped "TT 29 MS 1946 502" (Not found, 1957)

X = 1,580,055 Y = 812,367 36 36 54.87 87 25 50.85

Camp Campbell; 43 ft S. and 50 ft W. of intersection of Kentucky and 25th Streets; in concrete post; standard tablet stamped "TT 30 MS 1946 554" (Not found, 1974)

X = 1,573,616 Y = 820,509 36 38 14.44 87 27 11.29

Camp Campbell, 1.7 mi W. of Gate No. 1; 40 ft S. and 290 ft W. of crossroads; 6 ft NE. of telephone pole; in concrete post; standard tablet stamped "TT 31 MS 1946 511" (Not found, 1957)

X = 1,570,925 Y = 812,702 36 36 56.86 87 27 42.88

213 TENN.-19 KY.
CLARKSVILLE QUADRANGLE

36-087-13

5

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Camp Campbell, 3.4 mi W. of Gate No. 1; 35 ft N. of centerline of rd. at junction of T-rd. S. to rock quarry; in line with T-rd. extended; in concrete post; standard tablet stamped "TT 32 MS 1946 511" (Not found, 1957)

Tenn.) X = 1,562,052 Y = 814,485 36 37 13.15 87 29 32.03

By J. A. Mathias, 1946; Book H332

Oakland Church of Christ, 1.2 mi E. of, along U. S. Highway 79; 83 ft SW. of junction of driveway S.; 4 ft E. of fence; 4 ft NE. of electric pole; in concrete post; standard tablet stamped "I EOM 1946 529"

X = 1,631,051 Y = 809,573 36 36 34.18 87 15 24.98

By F. J. Heintz, 1947; Books H318, AH 34

Clarksville, 6.6 mi E. of post office, along U. S. Highway 41; 45 ft S. of junction of T-rd. W.; 27 ft W. of centerline of hwy.; in concrete post; standard tablet stamped "TT 1 FJH 1946"

X = 1,632,498 Y = 770,820 36 30 11.20 87 15 01.16

Clarksville, 5.4 mi E. of post office, along State Highway 12; 30 ft NE. of centerline of hwy. at junction of rd. N.; 40 ft N. of small store; in concrete post; standard tablet stamped "TT 2 FJH 1946"

X = 1,623,938 Y = 769,829 36 30 00.30 87 16 45.84

Clarksville, 3.6 mi SE. of post office, along State Highway 12; 21 ft W. of centerline of hwy. at junction of Y-rd. W.; 6 ft S. of 8-in. walnut tree; in concrete post; standard tablet stamped "TT 3 FJH 1946"

X = 1,616,254 Y = 773,037 36 30 31.02 87 18 20.46

Clarksville, 2.9 mi SW. of, along State Highway 13 and 48; 240 ft W. of NW. end of John Cunningham Bridge over Cumberland River; 20 ft S. and 10 ft W. of centerline of hwy. at junction of Y-rd. SW.; in concrete post; Tennessee Division of Geodesy tablet stamped "63 1 27"

X = 1,594,135 Y = 771,319 36 30 11.02 87 22 51.06

Clarksville, 2.9 mi SW. of, along State Highway 13 and 48, thence 1.1 mi WSW., thence 0.6 mi NW.; 36 ft S. of intersection of three farm rds.; 2 ft N. of wire fence; in concrete post; standard tablet stamped "TT 4 FJH 1946"

X = 1,587,702 Y = 772,827 36 30 25.04 87 24 10.11

Clarksville, 4.5 mi SW. of station, along L. & N. RR.; 0.2 mi N. of milepost 182; 36 ft E. of centerline of track at rd. crossing; 9 ft W. of fence; in concrete post; NGS standard disk stamped "J 25 1934" (Not found, 1967)

X = 1,585,550 Y = 774,956 36 30 45.78 87 24 36.84

213 TENN.-19 KY.
CLARKSVILLE QUADRANGLE

36-087-13
6

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Dotsonville, 3.9 mi NE. of; at center of large triangle formed by junction of rd.; 60 ft N. of lone telephone pole; 6 ft S. of 4-in. oak tree; in concrete post; standard tablet stamped "IT 5 FJH 1946"

Tenn.) X = 1,576,568 Y = 777,092 36 31 05.60 87 26 27.22

Dotsonville, 2.2 mi NE. of; 80 ft E. of house; 30 ft W. of centerline of rd.; in concrete post; standard tablet stamped "IT 6 FJH 1946"

X = 1,569,618 Y = 771,370 36 30 08.02 87 27 51.31

MARK TIED BY NGS

By R. F. Wilcoxon, 1925; Book C7176

Clarksville, 1.8 mi SE. of, along Tennessee Central Railroad; at Summit; 115 ft NW. of rd. crossing; 40 ft NW. of RR. station; 26 ft S. of centerline of Clarksville-Washville Pike; in concrete post projecting 1 ft above ground; NGS standard disk stamped "W 3 1921 PRIM TRAV STA NO 8 W 1925 TENN" (Not found, 1956)

X = 1,610,095 Y = 775,598 36 30 55.53 87 19 36.31